



PATENT
Attorney Docket No. 60117.000007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of :

Jens PETERSEN, et al.

Serial No.: 09/938,670

Filed: August 27, 2001

Group Art Unit: 1614

Examiner: To Be Assigned

TECH CENTER 1600/2900

DEC 27 2002

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For: POLYACRYLAMIDE HYDROGEL AND ITS USE AS AN ENDOPROSTHESIS

SECOND PRELIMINARY AMENDMENT

Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, D.C. 20231

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TECHNOLOGY CENTER R3700

Sir:

Prior to the examination of the above-identified patent application, please amend
the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows:

I. On Page 6, lines 10-14, please delete the paragraph and replace it with
the following replacement paragraph:

B1
These rheological features are due in part to the degree of cross-linking and to
the degree of swelling of the hydrogel. The hydrogel may be characterised in that the
cross-linked polyacrylamide is cross-linked to such a degree so as to have an efficient
cross-linking density of about 0.2 to 0.5%, preferably about 0.25 to 0.4%.

II. On page 6, lines 31-35, please delete the paragraph and replace it with
the following replacement paragraph:

B2
As stated, in all aspects of the invention wherein the hydrogel comprises less
than 3.5% polyacrylamide by weight, based on the total weight of the hydrogel, the